APPENDIX C ROADWAY AND TRANSIT NETWORK DEFINITIONS

Source: 2001 Regional Transportation Plan – Attachment A

BAY AREA REGION

RTI Referenc	
Numbe	T Project/Program
	REGION
21013	Rehabilitation of Bay Area state-owned toll bridges
21015	Seismic retrofit of Bay Area state-owned toll bridges, excluding San Francisco-Oakland Bay Bridge (see #21778 and #21879 below)
21016	Low Income Flexible Transportation Program (LIFT)
	GOLDEN GATE
21012	Golden Gate Bridge seismic retrofit (completes Phases 1 through 3)
21320	Golden Gate Bridge Moveable Median Barrier
	EASTSHORE-NORTH
94540	Carquinez Bridge Replacement: construct new suspension bridge west of existing bridges (four westbound lanes, including an HOV lane, plus new bicycle/pedestrian pathway) and modify Crockett interchange
	DIABLO
94541	New Benicia-Martinez Bridge: construct new bridge span east of existing span (four mixed-flow lanes and one slow-vehicle lane). Includes new toll plaza and upgrades to I-680/I-780 interchange and I-680/Marina Vista Road interchange, and reconstruction of the existing bridge for 4 mixed-flow lanes and bicycle and pedestrian lane.
	TRANSBAY BAY BRIDGE
21878	San Francisco-Oakland Bay Bridge: seismic retrofit of the west span and west approach
21879	San Francisco-Oakland Bay Bridge: east span seismic safety project
	TRANSBAY RICHMOND-SAN RAFAEL BRIDGE
21014	Richmond-San Rafael Bridge deck replacement

BAY AREA REGION

RTF Reference Numbe	
	TRANSBAY SAN MATEO-HAYWARD AND DUMBARTON BRIDGES
21601	Dumbarton Pridge widen Parfront Empressiva (Pouts 94)

21601 Dumbarton Bridge: widen Bayfront Expressway (Route 84) from Dumbarton Bridge to US 101/Marsh Road interchange 94514 I-880/Route 92 interchange improvements in Hayward 94657 Widen San Mateo-Hayward Bridge: widen low-rise trestle and eastern approach from I-880 from four to six lanes with shoulders (under construction), extend existing westbound HOV lane one mile west along eastern approach from I-880, construct new pedestrian/bicycle overcrossing

BAY AREA REGION

	REGION
21001	Freeway Operations Strategies/Transportation Operations Systems (TOS)
21002	Freeway Service Patrol/Freeway Call Boxes
21003	Traffic Engineering Technical Assistance Program (TETAP)/Arterial Signal Re-Timing
21004	Pavement Management Technical Assistance Program (PTAP)
21005	TransLink®
21006	Regional transit information system and transportation marketing
21007	Rideshare Program
21008	TravInfo®
21009	Spare the Air Campaign
21010	Performance monitoring
21011	Transportation for Livable Communities/Housing Incentive Program - Regional Program
21356	Regional Transit Expansion Policy (RTEP) Reserve Funding

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

ALAMEDA COUNTY

RTP Reference

Number Project/Program

	ALAMEDA COUNTY-WIDE
21461	Local transportation improvements (includes streets and roads, transit, bicycle and pedestrian, and other improvements)
21464	Paratransit for AC Transit, BART, non-mandated city programs, service gap coordination
21465	Transit enhancements funded by transit center development Funds
21468	Transit operations - AC Transit, Welfare to Work, Alameda ferries, Altamont Commuter Express (ACE), Union City Transit, Livermore Amador Valley Transit Authority, and countywide express bus
21854	Non-pavement maintenance (sidewalk, lighting, drainage, landscaping, etc.) (committed revenues shown)
21863	Local bridge maintenance (committed revenues shown)
21992	AC Transit bus corridor improvements
94027	Bicycle and pedestrian projects
94522	Local streets and roads pavement maintenance (committed revenues shown)
94525	BART (Alameda County share based on population) - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements, equipment, fixed facilities and other capital assets; does not include expansion except BART to SFO extension).
94526	AC Transit (Alameda County share based on population) - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion).
94527	Livermore Amador Valley Transit Authority (LAVTA) - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)
94528	Union City Transit - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion).
98628	BART Advanced Automatic Train Control System (county share)

RTP	
Reference	
Number	Project/Program

	EASTSHORE-NORTH
21479	Extend Horton Street between 53rd Street and Haruff (under Powell Street Bridge) in Emeryville
94008	I-80 bicycle and pedestrian overcrossing in Berkeley
94021	Extend Mandela Parkway in Oakland; completes freeway congestion reliever route
98153	Reconstruct MacArthur Boulevard on ramp to restore access to eastbound I-80 and westbound I-580
98188	San Pablo Avenue Smart Corridor (Phase 2)

ALAMEDA COUNTY

RTP Reference

Number Project/Program

	TRI-VALLEY
21100	Vasco Road/I-580 interchange improvements
21347	Rehabilitate and widen Route 84 from I-580 to Scott Street
21455	Widen I-238 from 4 lanes to 6 lanes between I-580 and I-880, includes auxiliary lanes on I-880 south of I-238
21456	I-580 eastbound auxiliary lane between Santa Rita Road to Airway
21457	I-580 interchange improvements at Castro Valley Road, Redwood Road, and Center Street in Castro Valley
21473	Extend North Canyons Parkway westerly to Dublin Boulevard
21474	I-580/North Livermore Avenue interchange improvements
21475	I-580/First Street interchange improvements
21476	Isabel Avenue/Route 84/I-580 interchange improvements: build second bridge to provide 6 lanes over I-580 (Phase 2)
21477	I-580/Greenville Road interchange improvements
21478	Extend Las Positas Road between First Street and Vasco Road
21489	I-580/San Ramon Road/Foothill Road interchange improvements
21490	I-580/Fallon Road/El Charro Road interchange improvements
21492	Extend Scarlett Drive from Dublin Boulevard to Dougherty Road
21493	I-580/I-680 Transportation Operations System (TOS)
94029	Altamont Commuter Express (ACE) rail service operating and station/track improvements (four roundtrips daily)
94034	Widen Isabel Avenue to four lanes (along future Route 84 alignment) from I-580 south to Vallecitos Road and improvements along Route 84 through Pigeon Pass

ALAMEDA COUNTY

RTP Reference

Number Project/Program

	SUNOL GATEWAY
21339	ACE train station track improvements in Alameda County, including parking improvements at downtown Livermore station and Vasco Road station
21437	Regional Express Bus Program: I-680 to Pleasant Hill BART Station
21438	Regional Express Bus Program: Tri-Valley to Sun Microsystems
21458	I-680/I-880 cross connector (study only)
21460	Iron Horse bicycle, pedestrian and transit route
21469	I-680/West Las Positas crossing improvements
21470	I-680/Sunol Boulevard ramp improvements, includes signal improvements and widening under existing structure
21471	I-680/Stoneridge Drive interchange improvements
21472	I-680/Bernal Avenue interchange improvements
94501	I-580/I-680 interchange: construct connector southbound I-680 to eastbound I-580, including new local ramps
98141	I-680 Sunol Grade southbound and northbound HOV lane, ramp metering and auxiliary lane from Route 84 to Route 237 (possible value pricing project)

ALAMEDA COUNTY

	EASTSHORE-SOUTH
21355	Widen East Lewelling Boulevard in San Leandro
21431	Regional Express Bus Program: I-880/Hayward BART Station to Silicon Valley
21451	East 14th Street/Hesperian Boulevard/150th Street channelization improvements
21452	Downtown Oakland streetscape improvements (Broadway, 14th Street and Telegraph Avenue)
21453	Fruitvale BART Station transit village
21454	Hesperian Boulevard/Lewelling Boulevard channelization improvements
21462	Local street improvements in Newark
21463	Local street improvements in Oakland
21466	Washington Avenue/Beatrice Street interchange improvements
21467	New arterial along eastern edge of Westgate Shopping Center between Davis Street and Williams Street
21886	Industrial Parkway upgrade between Whipple Road and improved segment of the parkway in Hayward
94017	Port of Oakland Joint Intermodal Terminal
94020	Seismic retrofit of Webster and Posey tunnels between the cities of Alameda and Oakland, Stage I: seismic retrofit inside tubes (under construction); Stage II: seismic retrofit outside tubes to strengthen surrounding soils
94504	Oakland Airport: construct 4-lane cross-airport roadway (mostly on Port of Oakland property)
94506	Route 84 upgrade to expressway between Route 238 and I- 880 in Fremont
94507	Route 238 (Hayward Bypass) 4-lane expressway: I-580 to Harder (Stage 1 only)
94508	Mission Boulevard safety and operational improvements from Industrial Parkway to Route 84
94515	I-580 connections to Hayward Bypass (Route 238) and interchange improvements: northbound Hayward Bypass to northbound I-580 and northbound Hayward Bypass to westbound I-238

1,,,,,,,,	Project/Program
94524	Amtrak Capitol Corridor intercity rail service (9 round trips daily between Oakland and Sacramento and 7 round trips daily between San Jose and Oakland)
	FREMONT-SOUTH BAY
21480	Route 84/Ardenwood Boulevard westbound offramp intersection improvements
21481	Extend Cushing Parkway between Automall Parkway/Boyce Road to Cushing Parkway/Fremont Boulevard/I-880
21482	Extend Fremont Boulevard to connect to I-880/Dixon Landing Road
21483	Widen Stevenson Boulevard from 4 lanes to 6 lanes from I- 880 to Blacow Road
21484	Widen Kato Road from Warren Avenue to Milmont Drive
21485	Widen Stevenson Boulevard from 2 lanes to 4 lanes from Gallaudet Drive to Mission Boulevard
21486	Paseo Padre Parkway/Peralta Boulevard (Route 84) intersection improvements
21487	Widen Mowry Avenue from Mission Boulevard to Peralta Boulevard
21488	Warren Avenue/Warm Springs Boulevard intersection improvements
21896	Route 84 vertical and horizontal alignment improvements in Fremont and San Leandro (3 miles to 5.1 miles east of I-680)
94030	Reconstruct I-880/Route 262 interchange and widen I-880 from Route 262 (Mission Boulevard) to the Santa Clara County line from 8 lanes to 10 lanes (8 mixed-flow and 2 HOV lanes)
	TRANSBAY SAN MATEO-HAYWARD AND DUMBARTON BRIDGES
21433	Regional Express Bus Program: Fremont BART Station to Stanford University

ALAMEDA COUNTY

	ALAMEDA COUNTY-WIDE
21128	Pedestrian maintenance and safety improvements in northern Alameda County
21129*	BART automatic fare collection equipment expansion
21135*	Major corridor enhancements in northern Alameda County
21137*	Bus acquisition for transbay, express, subscription or local service
21141*	Downtown Oakland intermodal transit center, focuses on streetscape improvements on Broadway
21145	Corridor Management Program: signal interconnect, transit priority, SMART corridors, and other improvements
21146	Express bus program (capital costs)
21147	Ferry capital expansion and terminal improvements/relocation
21148	Bicycle and pedestrian overcrossing access improvements in northern Alameda County
94001	Metropolitan Transportation System (MTS) streets and roads pavement rehabilitation shortfall (see Committed projects)
94002	Non-MTS streets and roads pavement rehabilitation shortfall (see Committed projects)
94003	BART capital replacement program shortfall (see Committed projects - excludes seismic program)
94004	AC Transit capital program shortfall (see Committed projects)
98208	Soundwalls
98549	Transportation for Livable Communities - county program
98558	Surface Transportation Program planning funds for the county

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

RTP	
Reference	
Number	Project/Program

Nume	Project/Program
	EASTSHORE-NORTH
21119*	Extend Mandela Parkway (involves widening existing Yerba Buena Avenue from Horton Street to Hollis Street, and includes channelization and traffic signal improvements)
21134*	Rapid Bus Transit (RBT) in San Pablo Avenue corridor
21142*	Intermodal transit improvements at the Emeryville Amtrak Station (includes parking garage)
21143	I-80/Ashby-Shellmound interchange modifications, involves construction of two roundabouts and a separate bike-pedestrian overcrossing
21144*	I-80/Gilman Avenue interchange improvements (includes roundabouts)
21357	Capitol Corridor Phase 1 expansion (for 16 daily round trips)
	DELTA
21139*	Vasco Road safety improvements (Alameda County portion only)
	TRI-VALLEY
21105*	Isabel Avenue/Route 84/I-580 partial interchange construction (Phase 1)
21113*	Widen Dublin Boulevard from 4 lanes to 6 lanes from Village Parkway to Sierra Court
21116*	Widen I-580 to add an HOV lane in each direction from west of Tassajara Road in Pleasanton to east of Vasco Road in Livermore (initial segment)
21130*	East Dublin/Pleasanton BART Station transit village, includes construction of parking structure
21133*	New West Dublin/Pleasanton BART Station
21151	LAVTA maintenance/operations facility
21885	BART/Tri-Valley Rail Extension (for right-of-way acquistion)
94024	Auto/truck separation lane at I-580/I-205 interchange

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

RT Referend Numb	
	SUNOL GATEWAY
21112*	Crow Canyon safety improvements
98139*	ACE station/track improvements in Alameda County, includes parking improvements at Vasco Road and downtown Livermore stations

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

RTP	
Reference	
Number	Project/Program

	EASTSHORE-SOUTH
21101*	Extend Tinker Avenue from Main Street to Webster Street/Constitution Way and construct College of Alameda Transit Center
21103*	Construct Central Avenue 4-lane overpass at Union Pacific Railroad (environmental and design phases only)
21107	42nd Avenue/High Street access improvements to I-880 in Oakland, includes widening and realignment of local streets, connector roads, and ramps near interchange
21110*	Route 260 to I-880 connection improvements between Alameda and Oakland
21111*	Capital Corridor mitigation for track work at Jack London Square
21117*	Realign Langley Street (access point for Oakland International Airport North Field), includes reconstruction of Route 61 (Doolittle Drive) and new traffic signal at Route 61/Langley Street
21118*	MacArthur BART Station intermodal transit village (includes replacement parking)
21120*	Widen Marina Boulevard from Alvarado Boulevard to San Leandro Boulevard
21121*	Widen Thornton Avenue from 2 lanes to 4 lanes between Gateway Boulevard and Hickory Street
21122*	Widen and reconstruct Route 262/ Warren Avenue/ I-880 interchange and East Warren Avenue/UPRR grade separation
21124*	Widen Union City Boulevard from 4 lanes to 6 lanes from Paseo Padre in Fremont to Industrial Parkway in Hayward
21131*	BART-Oakland International Airport connector
21136*	Rapid Bus Transit (RBT) in Oakland/Berkeley/San Leandro corridor (Phase 1)
21138*	San Leandro BART Station transit village (Phase 1); includes parking structure, kiss-and-ride and bus improvements
21140	Westbound I-580 to new Route 238 (Hayward Bypass) connection
21495	Joint Intermodal Terminal -Port of Oakland access improvements (Phase 1)
94032	Route 238 (Hayward Bypass): 4-lane expressway from Harder to Industrial Parkway (Stages 2 and 3)

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

RT Referen Numl	
98207*	I-880/Broadway-Jackson interchange improvements (Phase 1)
	FREMONT-SOUTH BAY
21114*	Rail grade separations at Washington Boulevard/Paseo Padre Parkway at Union Pacific Railroad in Fremont
21123*	Union City Intermodal Station (Phase 2), includes 19 bus bays and a kiss and ride loop road
21125*	Route 84 southbound HOV extension from Newark Boulevard to I-880
21126*	Route 84 southbound HOV onramp from Newark Boulevard to existing Route 84 southbound HOV lane
21132*	BART extension to Warm Springs
94012*	Union City Intermodal Station access improvements (Phase 1); includes extending 11th Street and constructing at-grade parking and pedestrian grade separation
	TRANSBAY SAN MATEO-HAYWARD AND DUMBARTON BRIDGES
21149	Express bus services
21194*	Dumbarton rail bridge rehabilitation (Alameda County share)

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

CONTRA COSTA COUNTY

	CONTRA COSTA COUNTY-WIDE
21855	Non-pavement maintenance (sidewalk, drainage, landscaping, ect committed revenues shown)
21864	Local bridge maintenance (committed revenues shown)
94049	Bicycle and pedestrian projects
94553	Local streets and roads pavement maintenance (committed revenues shown)
94556	BART (Contra Costa County share) - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements, equipment, fixed facilities and other capital assets; does not include expansion except BART to SFO extension)
94557	AC Transit (Contra Costa County) - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion).
94558	Central Contra Costa Transit Authority (CCCTA) - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)
94559	WestCAT and Tri Delta - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)
94561	Transit service for elderly and disabled riders
94562	Local street maintenance and improvements; carpools, vanpools, and park and ride lots
98629	BART Advanced Automatic Train Control System (county share)
	EASTSHORE-NORTH
21430	Regional Express Bus Program: I-80/Richmond Transbay
94555	Capitol Corridor intercity rail service (9 round trips daily between Oakland and Sacramento, and 7 round trips daily between San Jose and Oakland)

CONTRA COSTA COUNTY

21213 Pittsburg/Bay Point BART Station parking & lighting improvements (400 new spaces) 21214 Widen Wilbur Avenue from 2 lanes to 4 lanes from Burlington Northern Santa Fe Railroad to Route 160 21215 Widen Lone Tree Way to 6 lanes from Route 4 Bypass to Fairview Avenue in Brentwood 21216 Extend Laurel Road from Route 4 Bypass to Laurel Road East 21440 Regional Express Bus Program: Brentwood to Pittsburg/Bay Point BART station 21445 Regional Express Bus Program: Route 4/Del Norte BARTstation to Martinez Intermodal Station 94531 Widen Route 4 to 6 mixed flow lanes and 2 HOV lanes from Bailey Road to Railroad Avenue and restripe from Route 242 to Bailey Avenue for HOV lanes 94538 Route 4 transportation management system	
Burlington Northern Santa Fe Railroad to Route 160 21215 Widen Lone Tree Way to 6 lanes from Route 4 Bypass to Fairview Avenue in Brentwood 21216 Extend Laurel Road from Route 4 Bypass to Laurel Road East 21440 Regional Express Bus Program: Brentwood to Pittsburg/Bay Point BART station 21445 Regional Express Bus Program: Route 4/Del Norte BARTstation to Martinez Intermodal Station 94531 Widen Route 4 to 6 mixed flow lanes and 2 HOV lanes from Bailey Road to Railroad Avenue and restripe from Route 242 to Bailey Avenue for HOV lanes	
Fairview Avenue in Brentwood 21216 Extend Laurel Road from Route 4 Bypass to Laurel Road East 21440 Regional Express Bus Program: Brentwood to Pittsburg/Bay Point BART station 21445 Regional Express Bus Program: Route 4/Del Norte BARTstation to Martinez Intermodal Station 94531 Widen Route 4 to 6 mixed flow lanes and 2 HOV lanes from Bailey Road to Railroad Avenue and restripe from Route 242 to Bailey Avenue for HOV lanes	
East 21440 Regional Express Bus Program: Brentwood to Pittsburg/Bay Point BART station 21445 Regional Express Bus Program: Route 4/Del Norte BART station to Martinez Intermodal Station 94531 Widen Route 4 to 6 mixed flow lanes and 2 HOV lanes from Bailey Road to Railroad Avenue and restripe from Route 242 to Bailey Avenue for HOV lanes	
Point BART station 21445 Regional Express Bus Program: Route 4/Del Norte BART station to Martinez Intermodal Station 94531 Widen Route 4 to 6 mixed flow lanes and 2 HOV lanes from Bailey Road to Railroad Avenue and restripe from Route 242 to Bailey Avenue for HOV lanes	
BARTstation to Martinez Intermodal Station 94531 Widen Route 4 to 6 mixed flow lanes and 2 HOV lanes from Bailey Road to Railroad Avenue and restripe from Route 242 to Bailey Avenue for HOV lanes	
Bailey Road to Railroad Avenue and restripe from Route 242 to Bailey Avenue for HOV lanes	
94538 Route 4 transportation management system	
Route 4 Bypass, Phase 1: construct a 4-lane facility from Route 4 to Lone Tree Way and a 2-lane facility from Lone Tree Way to Walnut Boulevard, upgrade Marsh Creek Road and construct a partial freeway-to-freeway interchange one mile east of Hillcrest Avenue on Route 4 and partial interchange at Lone Tree Way	
Route 4/Railroad Avenue and Loveridge Road interchange improvements and highway widening from Railroad Avenue to Hillcrest Avenue (6 mixed flow lanes and 2 HOV lanes between Railroad Avenue and Loveridge Road)	
98115 Widen Ygnacio Valley/Kirker Pass Roads from 4 lanes to 6 lanes from Michigan Boulevard to Cowell Road	
98190 Widen Route 4 to a 4-lane expressway from I-80 to Cummings Skyway (Phase 1)	
98193 Extend Panoramic Drive from North Concord BART station to Willow Pass Road	
98220 Route 4 Bypass, Segment 1: complete interchanges at Laurel Road and Lone Tree Way	
98221 Route 4 Bypass, Segment 2: widen to 4 lanes from Lone Tree Way to Balfour Road	

CONTRA COSTA COUNTY

	DIABLO
21434	Regional Express Bus Program: I-680/Martinez to San Ramon
94054	Martinez Intermodal Terminal Facility (Phases 1 and 2); includes construction of a new passenger rail station, bus facilities and parking
94532	Gateway Lamorinda traffic program
98127	I-680/Alcosta Boulevard interchange improvements
98132	Widen and extend Bollinger Canyon Road (6 lanes) from Alcosta Boulevard to Dougherty Road
98134	Widen Dougherty Road to 6 lanes from Red Willow to Contra Costa County line
98135	Construct Windermere Parkway: 4 lanes from Bollinger Canyon Road extension to East Branch
98136	Construct East Branch: 4 lanes from Bollinger Canyon Road extension to Camino Tassajara
	TRANSBAY RICHMOND-SAN RAFAEL BRIDGE
21432	Regional Express Bus Program: I-80/Richmond Transbay

CONTRA COSTA COUNTY

	CONTRA COSTA COUNTY-WIDE
21201	BART system operations and capacity improvements (Eastshore-North, Diablo and Delta corridors)
21202	Bicycle and pedestrian projects
21203*	Express bus acquisition for commuter bus service
21204	Ancillary park and ride, transit access, express bus enhancements - capital facilities
94036	Metropolitan Transportation System (MTS) streets and roads pavement rehabilitation shortfall (see Committed projects)
94037	Non-MTS streets and roads pavement rehabilitation shortfall (see Committed projects)
94038	AC Transit capital program shortfall (see Committed projects)
94040	BART capital program shortfall (see Committed projects - excludes seismic program)
98550	Transportation for Livable Communities - county program
98559	Surface Transportation Program (STP) planning funds for the county

 $^{^{\}star}$ Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

CONTRA COSTA COUNTY

RTP	
Reference	
Number	Project/Program

	EASTSHORE-NORTH
21208*	Richmond Parkway Transit Center (Phase 1): includes signal reconfiguration/timing, new 700-800 space parking facility, and security improvements at Hilltop park-and-ride lot
21209*	Hercules Transit Center relocation and expansion
21210*	Capitol Corridor train station in Hercules
94045*	New express buses for I-80 HOV service (capital costs)
94047	Extend I-80 westbound HOV lane from north of Cummings Skyway to State Route 4
94048	Non-capacity increasing improvements to interchanges and parallel arterials to I-80
98157*	AC Transit enhanced bus service in San Pablo Avenue corridor in Contra Costa County: new passenger stations, roadway geometric improvements, information kiosks
98197*	Richmond intermodal transfer station (BART to Amtrak/Capitol Corridor)
	DELTA
21211	BART/East Contra Costa Rail Extension (right-of-way acquisition)
21212*	Widen eastbound Hillcrest Avenue offramp from 1 lane to 2 lanes and add a Route 4 eastbound auxiliary lane in Antioch
94046	Non-capacity increasing improvements to interchanges and parallel arterials to Route 4
94050	Upgrade Route 4 to full freeway from I-80 to Cummings Skyway (Phase 2)
98142*	Widen Route 4 from 4 lanes to 8 lanes from Loveridge Road to Somersville Road with HOV lanes
98198*	Vasco Road safety improvements (includes Alameda County portion)
98222	Route 4 Bypass, Segment 1: Route 160 freeway-to-freeway connectors to and from the north
98999*	Widen Route 4 from 4 lanes to 6 lanes from Somersville Road to Route 160 with reversible HOV lane in median (interim project)

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

CONTRA COSTA COUNTY

	DIABLO
21205*	I-680/Route 4 interchange freeway-to-freeway direct connectors (Phases 1 and 2): eastbound Route 4 to southbound I-680, and northbound I- 680 to westbound Route 4
21206	Caldecott Tunnel fourth bore
21207*	Martinez Intermodal Terminal Facility (Phase 3 initial segment): 200 interim parking spaces (includes site acquisition, demolition and construction)
94051*	I-680 auxiliary lane from Bollinger Canyon Road to Diablo Road in San Ramon and Danville
94052*	I-680 HOV lanes from Marina Vista interchange to North Main Street (southbound) and from SR 242 northbound to the Marina Vista interchange
98126	Non-capacity increasing improvements to interchanges and parallel arterials to I-680 and Route 24
98130*	Widen Alhambra Avenue from Route 4 to McAlvey Drive (Phases 2 and 3)
98133*	Widen Pacheco Boulevard from 2 lanes to 4 lanes from Blum Road to Arthur Road
98194*	Extend Commerce Avenue to Willow Pass Road
98196*	Route 24 eastbound auxiliary lanes from Gateway Boulevard to Brookwood Road/Moraga Way in Orinda

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

MARIN COUNTY

	MARIN COUNTY-WIDE
21856	Non-pavement maintenance (sidewalk, lighting, drainage, landscaping, ect committed revenues shown)
21865	Local bridge maintenance (committed revenues shown)
94063	Bicycle and pedestrian projects
94572	Golden Gate Transit (Marin County share) - Transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include expansion
98511	Local streets and roads pavement maintenance (committed revenues shown)
	GOLDEN GATE
21887	Tennesse Valley (Coyote Creek) Bridge replacement
21888	Redwood landfill overcrossing
21889	Regional Express Bus Program: US 101/Santa Rosa to San Rafael/San Francisco
94563	US 101 HOV lanes from North San Pedro Road to Lucky Drive in San Rafael
94566	US 101/Lucas Valley Road interchange improvements in San Rafael
98182	Sir Francis Drake Boulevard improvements
98200	Sonoma-Marin Rail station site acquisitions/upgrades

MARIN COUNTY

	MARIN COUNTY-WIDE
21301	Golden Gate Transit capital program shortfall (see Committed projects)
21302	Bicycle and pedestrian projects (from Countywide Master Plan)
21322	Travel Demand Management Program
94055	Metropolitan Transportation System (MTS) streets and roads pavement rehabilitation shortfall (see Committed projects)
94056	Non-MTS streets and roads pavement rehabilitation shortfall (see Committed projects)
98504	Local streets and roads non-pavement maintenance shortfall (see Committed projects)
98525	Seismic retrofit and upgrade of local bridges and overpasses shortfall
98551	Transportation for Livable Communities - county program
98560	Surface Transportation Program planning funds for the county

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

MARIN COUNTY

RTP	
Reference	
Number	Project/Program

	110/201110814111
	GOLDEN GATE
21303	Local Marin bus service enhancements (capital only)
21304*	Freeway-to-freeway interchange improvements; includes new bridge West I-580 to South US 101 and new lane West I-580 to to North US 101 to 2nd Avenue (design phase only)
21305*	US 101/Tamalpais interchange improvements
21306*	US 101/Lucas ValleyRoad interchange improvements
21307*	US 101/Atherton interchange improvements: signalize Atherton Avenue/Binford Road intersection
21308*	Expand Manzanita park-and-ride lot
98154	Widen US 101 from 4 lanes to 6 lanes (including 2 HOV lanes) from Route 37 to the Sonoma County line and convert some portions from expressway to freeway
98178*	US 101/Sir Francis Drake Boulevard improvements (environmental study only)
98179*	US 101/TiburonBoulevard interchange improvements: widen southbound offramp
	NORTH BAY EAST-WEST
98146	Route 37 traveler information system

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

NAPA COUNTY

RTP	
Reference	
Number	Project/Program

	NAPA COUNTY-WIDE
21857	Non-pavement maintenance (sidewalk, lighting, drainage, landscaping, etc committed revenues shown)
21871	Local bridge maintenance (committed revenues shown)
94067	Traffic Operations System improvements in Napa Valley
94077	Bicycle and pedestrian projects
94576	Local streets and roads pavement maintenance (committed revenues shown)
94578	Napa County Transit - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)
	NAPA VALLEY
94070	Transit Service Center in the city of Napa and operational improvements for existing transit programs
94071	Replace Napa River (Maxwell) Bridge and widen from 2 lanes to 4 lanes on Route 121 over the Napa River in the city of Napa
94076	Trancas intermodal facility in the city of Napa
94575	Route 29: Redwood/TrancasRoad interchange construction

NAPA COUNTY

RTP	
Reference	
Number	Project/Program

Numt	per Project/Program
	NAPA COUNTY-WIDE
94064	Metropolitan Transportation System (MTS) streets and roads pavement rehabilitation shortfall (see Committed projects)
94065	Non-MTS streets and roads pavement rehabilitation shortfall (see Committed projects)
98552	Transportation for Livable Communities - county program
98561	Surface Transportation Program planning funds for the county
	NORTH BAY EAST-WEST
21401	Route 29/12/121 (Stanly Ranch) intersection improvements
94073*	Route 12/29/221 (Soscol Avenue) intersection improvements
94074	Widen Route 12 (Jamieson Canyon) from I-80 in Solano County to Route 29 in Napa County from 2 lanes to 4 lanes (Napa County portion of project)
94075*	Route 12/29 (Airport Road) grade separation
	NAPA VALLEY
21402	Napa-to-Fairfield fixed-route transit (capital costs)
21403	Non-capacity increasing operational improvements to MTS and non-MTS streets and roads network in Napa Valley
94072	Widen First Street overcrossing on Route 29 from 2 lanes to 4 lanes in the city of Napa

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

SAN FRANCISCO COUNTY

	SAN FRANCISCO COUNTY-WIDE
21350	Remove US 101 Central Freeway structure
21858	Non-pavement maintenance (sidewalk, lighting, drainage, landscaping, etc committed revenues shown)
21866	Local bridge maintenance (committed revenues shown)
94090	Bicycle and pedestrian projects
94621	US 101 Central Freeway reconstruction due to earthquake damage
94623	Street resurfacing and reconstruction
94624	Traffic signals and signs
94625	Bernal Heights Street system upgrade
94627	Local streets and roads pavement maintenance (committed revenues shown - includes sales tax revenues from San Francisco County project #94623)
94632	Third Street light rail transit extension to Bayview Hunters Point (initial operating segment)
94635	BART (San Francisco County share) - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements, equipment, fixed facilities and other capital assets; does not include expansion except BART to SFO extension)
94636	San Francisco Municipal Railway - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)
94637	Expansion of paratransit door-to-door van and taxi service to comply with Americans With Disabilities Act (ADA)
94639	Ridesharing and transit promotion
98593	Integrated Traffic Management System
98630	BART Advanced Automatic Train Control System (county share)

SAN FRANCISCO COUNTY

RTP	
Reference	
Number	Project/Program

	110,000,110,8,4,
	GOLDEN GATE
21353	Golden Gate Transit (San Francisco County share) -transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include expansion)
21549	South Basin Bridge (environmental study only)
21890	Regional Express Bus Program: US 101/Santa Rosa to San Rafael/San Francisco
98102	Doyle Drive environmental study
	PENINSULA
21537	Caltrain Express service between San Francisco and San Jose, includes passing tracks and rolling stock (Phase 1) (San Francisco County portion)
94634	Caltrain (San Francisco County share) transit operating and capital improvement program (including replacement, rehabilitation, and system enhancements for rolling stock, equipment, fixed facilities and other capital assets). Station Improvements (e.g. platforms) are included.

SAN FRANCISCO COUNTY

RTP	
Reference	
Number	Project/Program

Numo	Project/Program
	SAN FRANCISCO COUNTY-WIDE
21505	Local bridge seismic work
21548	Non-MTS streets and roads pavement rehabilitation shortfall
94078	Metropolitan Transportation System (MTS) streets and roads pavement rehabilitation shortfall (see Committed projects)
94079	BART capital replacement program shortfall (see Committed projects - excludes seismic program)
94080	Muni capital replacement program shortfall (see Committed projects)
98553	Transportation for Livable Communities - county program
98562	Surface Transportation Program planning funds for the county
	GOLDEN GATE
21354	Golden Gate Transit (San Francisco County share) capital replacement program shortfall (see Committed projects)
94089*	Doyle Drive replacement - US 101 south of the Golden Gate Bridge
	PENINSULA
21342	Caltrain Downtown Extension/TransBay Terminal Replacement
21509*	Caltrain electrification from San Francisco to Gilroy
94085	Caltrain capital replacement program shortfall (San Francisco County share)

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

SAN FRANCISCO COUNTY

SAN FRANCISCO
Bicycle projects and programs
Pedestrian projects and programs
Traffic calming
Traffic signals and signs
Integrated Traffic Management System
Transit enhancements
Bus Rapid Transit Program
Third Street Light Rail Transit extension to Chinatown (Central Subway)
Balboa Park BART Station expansion (planning phase only)

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

RTP	
Reference	
Number	Project/Program

	SAN MATEO COUNTY-WIDE
21859	Non-pavement maintenance (sidewalk, lighting, drainage, landscaping, etc committed revenues shown)
21867	Local bridge maintenance (committed revenues shown)
94101	Bicycle and pedestrian projects
94662	Local streets and roads pavement maintenance (committed revenues shown)
94666	SamTrans - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets. Does not include system expansion).
94667	SamTrans Americans With Disabilities (ADA) services
98631	BART Advanced Automatic Train Control System (county share)

SAN MATEO COUNTY

	PENINSULA
21336	Widen Airport Boulevard from 2 lanes to 4 lanes
21337	Widen Airport Boulevard bridge (14 feet widening of existing bridge structure)
21340	Extend Hickey Boulevard to construct 2-lane road between Mission Road and Hillside Boulevard in Colma
21349	US 101 interchange improvements and ramp metering at Ralston Avenue, Hillsdale Boulevard, and Millbrae Avenue
21351	Widen John Daly overcrossing at junction I-280 and Route 1
21352	Replace San Pedro Creek bridge and roadway approaches
21439	Regional Express Bus Program: Route 82/El Camino Express, Daly City BART Station to Palo Alto
21605	US 101/Oyster Point Boulevard interchange improvements (Phases 2 and 3)
21609	I-280/I-380 local access improvements
21617	Caltrain Express service between San Francisco and San Jose; includes passing tracks and rolling stock (Phase 1)
21622	Caltrain local station improvements
21626	Caltrain grade separations (to be determined)
21876	BART (San Mateo County share) - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements, equipment, fixed facilities and other capital assets; does not include expansion except BART to SFO extension).
21892	Widen Route 84 from 4 lanes to 6 lanes from El Camino Real to Broadway
21893	Route 92 between Half Moon Bay city limits and Pilarcitos Creek alignment and shoulder improvements
21897	Modify and interconnect existing traffic signals from Davey Glen Road to 42st Avenue and 31st to Millbrae
94100	US 101 auxiliary lanes from Marsh Road to Route 92
94105	BART to San Francisco International Airport (SFO) extension
94643	Widen Route 92 between Route 1 and Half Moon Bay city limits

RTI Referenc Numbe	
94644	Route 92 westbound slow vehicle lane between Route 35 and I-280
94656	Upgrade Route 1 (Devil's Slide Tunnel)
94664	Caltrain (San Mateo County share) transit operating and capital improvement program (including replacement, rehabilitation, and system enhancements for rolling stock, equipment, fixed facilities and other capital assets). Station Improvements (e.g. platforms) are also included.
98204	Construct Route 1 northbound and southbound lanes from Fassler Avenue to Westport Drive in Pacifica

RTP	
Reference	
Number	Project/Program

Num	per Project/Program
	SAN MATEO COUNTY-WIDE
21624	Transit-Oriented Development Incentives Program
94093	Metropolitan Transportation System (MTS) streets and roads pavement rehabilitation shortfall (see Committed projects)
98501	Non-MTS streets and roads pavement rehabilitation shortfall
98554	Transportation for Livable Communities - county program
98563	Surface Transportation Program planning funds for the county
	PENINSULA
21343	Caltrain Downtown Extension/Transbay Terminal Replacement
21602*	US 101/Broadway interchange reconstruction
21603*	US 101/Woodside Road interchange improvements
21604	US 101 auxiliary lanes from Sierra Point to San Francisco County line
21606*	US 101/ Willow Road interchange reconstruction
21607*	US 101/University Avenue interchange reconstruction
21608*	US 101 auxiliary lanes from Marsh Road to Santa Clara County line
21610*	US 101 auxiliary lanes from San Bruno Avenue to Grand Avenue
21627*	Caltrain electrification from San Francisco to Gilroy
21632	Route 92 from US 101 to I-280: add westbound passing lane
98176*	US 101 auxiliary lanes from 3rd Avenue to Millbrae and US 101/Peninsula Avenue interchange reconstruction
98567	BART capital program shortfall - see Committed projects (excludes seismic program)
98568	Caltrain capital replacement program shortfall (San Mateo County share) - see Committed projects

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

Referenc	RTP Reference Number Project/Program	
	TRANSBAY SAN MATEO-HAYWARD AND DUMBARTON BRIDGES	
21618*	Dumbarton rail bridge rehabilitation (San Mateo County share)	

 $^{^{\}star}$ Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

SANTA CLARA COUNTY

	SANTA CLARA COUNTY-WIDE
21860	Non-pavement maintenance (sidewalk, lighting, drainage, landscaping, etc committed revenues shown)
21868	Local bridge maintenance
94109	Traffic Operations System (TOS) improvements on Route 237 and I-880
94125	Bicycle and pedestrian projects
94609	Local streets and roads pavement maintenance (committed revenues shown)
94610	VTA - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets. Does not include system expansion).
	SUNOL GATEWAY
98140	I-680 Sunol Grade southbound and northbound HOV lanes, ramp metering and auxiliary lane from Route 84 to Route 237 (possible value pricing project)
98151	Planning study and preliminary engineering for connector between I-880 and I-680
	FREMONT-SOUTH BAY
21444	Regional Express Bus Program: I-680/Fremont BART Station to Silicon Valley
94134	I-880/Route 237 interchange improvements; includes southbound I-880 to westbound Route 237 and eastbound Route 237 to northbound I-880 (Stages A&B)
96017	Widen I-880 from 4 lanes to 6 lanes from Montague Expressway to US 101
98138	Acquisition of railroad corridor for future Silicon Valley Rapid Transit Corridor project
98172	I-880/Route 237 interchange improvements (freeway-to-freeway HOV connector) and eastbound Route 237 to southbound I-880 ramp to Tasman Drive
98209	Reconstruct I-880/Dixon Landing Road interchange and widen I-880 from 8 to 10 lanes (includes 2 HOV lanes) from Route 237 to the Alameda County line

SANTA CLARA COUNTY

RTP Reference

Number Project/Program

	SILICON VALLEY
20001	US 101/Bailey Avenue interchange improvements
20002	Route 85 noise mitigation
21721	Tenth Street (Route 152)/US 101 interchange improvements in Gilroy
21729	Mary Avenue bicycle and pedestrian overcrossing at I-280
21730	Los Gatos Creek Trail from Lincoln Avenue to San Fernando Street
21731	Los Gatos Creek Trail from San Fernando Street to Santa Clara Street
21732	Stevens Creek Trail, Reach 4 North (Yuba Drive to El Camino Real Underpass to North Meadow)
21733	Uvas Creek Class 1 Trail connection to Gilroy Sports Park (Phases 1 and 2 from Thomas Road Bridge to Gilroy Sports Park)
21734	Extend Los Gatos Creek Trail on east side from Mozart Avenue to San Tomas Expressway
21735	San Tomas Aquino/Saratoga Creek Trail from Route 237 to Santa Clara south city limit
21736	San Tomas Aquino/Saratoga Creek Trail from Tantau to Barnhart
21737	Borregas Avenue bicycle and pedestrian overcrossings at US 101 and Route 237
21738	West Little Llagas Creek bicycle and pedestrian pathway from Spring Road to Watsonville Road
21739	Union Pacific bicycle and pedestrian overcrossing from Gibraltar Court to Montague Expressway
21740	Bernardo Avenue undercrossing at Caltrain railroad tracks
21741	Bike and pedestrian improvements on Hamilton Avenue from Salmar to Creekside (Route 17)
21742	River Oaks Parkway bike and pedestrian bridge at Guadalupe River
21743	Bicycle improvements on Almaden Expressway between Ironwood Drive and Koch Lane (southbound only)
21744	Santa Clara Caltrain bike and pedestrian overcrossing for Intermodal Transit Center

RTI Reference Numbe	
21745	De Anza Trail
21746	Cox Avenue/Southern Pacific railroad intersection improvements; includes improvements to grade crossings and bicycle paths
21747	California Avenue bicycle and pedestrian undercrossing at Caltrain station
21756	Widen US 101 from 6 lanes to 8 lanes (HOV lanes) from Metcalf Road to Cochrane Road
21760	Double track Caltrain between San Jose and Gilroy
21770	Caltrain extension to Salinas/Monterey (capital funds)
21785	US 101/Blossom Hill Avenue interchange modifications
21786	US 101/Hellyer Avenue interchange modifications
21787	Palo Alto Intermodal Transit Center (Phase I)
21788	Zero emission vehicles and facilities for VTA bus fleet
21790	Altamont Commuter Express Upgrade
21791	Downtown to East Valley Light-rail and Bus Rapid Transit, Phases 1 and 2
21794	Bus Rapid Transit corridor: El Camino Real (Line 22)
21797	Route 17 bus service improvements
21830	Expressway signal synchronization program
21831	Montague Expressway level-of-service improvements: US 101 to De la Cruz Boulevard HOV lanes
21832	Central Expressway level-of-service improvements: Bowers Avenue to De la Cruz Boulevard
21833	Almaden Expressway level-of-service improvements: Blossom Hill Road to Branham Lane
21834	San Tomas Expressway level-of-service improvements at Campbell Avenue
21836	San Tomas Expressway level-of-service improvements at Hamilton Avenue
21837	Capitol Expressway level-of-service improvements at McLaughlin Avenue
21838	Foothill Expressway level-of-service improvements at various locations

RTP Reference Number Project/Program		
	21922	San Jose International Airport connections to Guadalupe LRT
	21923	Bus Rapid Transit corridor: Stevens Creek Boulevard
	21924	Extend Vasona LRT from Winchester to Vasona Junction in Los Gatos
	94112	Smart Corridor signal synchronization program; includes extending system north and south
	94117	Transit centers and park-and-ride lots
	94124	Route 87 HOV lanes from Julian Street to I-280 and from I-280 to Route 85
	94135	Study to re-align Route 152 from Route 156 to US 101 (Santa Clara County portion)
	94137	Widen US 101 from 4 lanes to 6 lanes from Metcalf Road in South San Jose to Cochrane Road in Morgan Hill
	94587	Widen Guadalupe Expressway (Route 87) from 4-lane expressway to 6-lane freeway, including 2 HOV lanes from US 101 to Julian Street in downtown San Jose
	94589	Complete Routes 85/87 interchange and connector ramps in San Jose
	94592	Route 85/US 101 interchange improvements in Mountain View, includes northbound and southbound HOV direct connector ramps
	94617	Capitol Corridor intercity rail service (9 round trips daily between Oakland and Sacramento and 7 round trips daily between San Jose and Oakland)
	96002	Route 152 safety improvements from Uvas Creek to Route 156 near Gilroy
	96019	Tasman Corridor East light rail extension from North First Street to Hostetter Road
	98103	Route 17 improvements between Campbell and Los Gatos
	98118	Capitol Corridor light rail extension along Capitol Avenue from just south of Hostetter Road to Wilbur Avenue north of Capitol Expressway
	98119	Vasona Corridor light rail extension from downtown San Jose to Winchester Boulevard in Campbell
	98121	Increase Caltrain service from San Jose to Gilroy, includes Caltrain corridor facilities and service improvements

RTI Referenc Numbe	
98171	Complete Route 85 and US 101 interchange and connector ramps in South San Jose and widen US 101 to 8 lanes from Bernal Road to Metcalf Road
98201	100 low-floor light rail vehicles: 50 new vehicles and 50 replacement vehicles
98849	Route 152 safety and operational improvements between US 101 and Ferguson Road
	PENINSULA
21762	Caltrain Express service between San Francisco and San Jose, includes passing tracks and rolling stock (Phase 1) (Santa Clara County portion)
21768	Caltrain local station improvements
94613	Caltrain (Santa Clara County portion) transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion).

SANTA CLARA COUNTY

•	110/00/1108/14/11	
	SANTA CLARA COUNTY-WIDE	
21748	Santa Clara Countywide Bicycle Program (Tier 2 and beyond)	
21750	VTA Landscape Restoration and Graffiti Removal Program	
21754	VTA Soundwall Program	
21755	VTA Transportation Systems Operations and Management Program	
94106	Metropolitan Transportation System (MTS) streets and roads pavement rehabilitation shortfall (see Committed projects)	
94107	Non-MTS streets and roads pavement rehabilitation shortfall and local streets and roads projects	
98508	Local streets and roads non-pavement maintenance shortfall	
98555	Transportation for Livable Communities - county program	
98564	Surface Transportation Program (STP) planning funds for the county	
	FREMONT-SOUTH BAY	
21713	Route 237 westbound auxiliary lanes between Coyote Creek Bridge and North First Street	
21921*	BART Extension from Warm Springs to San Jose	

 $^{^{\}star}$ Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

SANTA CLARA COUNTY

	SILICON VALLEY
21702*	US 101/Buena Vista Avenue interchange construction
21703*	I-880/Coleman Avenue interchange improvements
21706	US 101/Fourth Street/Zanker Road overcrossing and ramp modifications
21707	I-280/I-680 connector to southbound US 101: new grade- separated ramp with Tully Road exit ramp
21708	Grade-separate Route 85 northbound to I-280 northbound and I-280 exit to Foothill Expressway ramps
21712*	Montague Expressway/San Tomas Expressway/US 101/Mission College Boulevard interchange improvements
21714*	Route 25/Santa Teresa Boulevard/US 101 interchange construction
21715*	Additional Route 152 safety improvements between US 101 and Route 156 (may include a westbound Route 152 to westbound Route 156 flyover)
21716	Widen Route 237 for HOV lanes between Route 85 and US 101
21717*	Upgrade Route 25 to 4-lane expressway standards (Santa Clara County portion of project)
21718	Widen Route 85 from I-280 to Fremont Avenue
21719*	I-880/Stevens Creek Boulevard interchange improvements
21720*	US 101/Tennant Avenue interchange improvements in Morgan Hill
21722*	Trimble Road/De La Cruz Boulevard/Central Expressway/US 101 interchange improvements
21723*	US 101/Tully Road interchange modifications
21724	Add US 101 auxiliary lane from Route 87 to Montague Expressway
21727*	Route 87/US 101 ramp connection to Trimble Road interchange
21749*	Construct Butterfield Boulevard from San Pedro Road to Watsonville Road
21753	Extend Mary Avenue from Almanor Avenue to H Street, including Route 237/US 101 overcrossing in Sunnyvale

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

RTP Reference Number	Project/Program	
21840*	San Jose-Santa Clara fourth main track and station upgrades (Phase I)	
98175*	Widen Montague Expressway from 6 lanes to 8 lanes (adds two mixed flow lanes) from I-680 to US 101	
98210*	Widen Central Expressway from 6 lanes to 8 lanes (adds two HOV lanes) between Route 237 and De La Cruz Avene	
98866*	Montague Expressway/Trimble flyover ramp: westbound Montague Expressway to westbound Trimble Road	
	PENINSULA	
21344	Caltrain Downtown Extension/Transbay Terminal Replacement	
21769*	69* Caltrain electrification from San Francisco to Gilroy	
21877	21877 Caltrain capital replacement program shortfall (Santa Clara County share) - see Committed projects	
	TRANSBAY SAN MATEO-HAYWARD AND DUMBARTON BRIDGES	
21792*	Dumbarton rail bridge rehabilitation (Santa Clara County share)	

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

RT. Referenc Numbe		
	SOLANO COUNTY-WIDE	
21861	Non-pavement maintenance (sidewalk, lighting, drainage, landscaping, etc committed revenues shown)	
21869	Local bridge maintenance (committed revenues shown)	
94154	Bicycle and pedestrian projects	
94681	Local streets and roads pavement maintenance (committed revenues shown)	
94683	Vallejo Transit - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion).	
	NORTH BAY EAST-WEST	
94149	Route 29/Route 37 interchange improvements in Vallejo	
94675	Route 37 from Napa River Bridge to Route 29: upgrade from 2-lane expressway to 4-lane freeway (not including Routes 29/37 interchange), planting, and environmental mitigation	
98217	Route 12 safety improvements between Suisun City and Rio Vista (reduce bumps and dips in the roadway and extend passing lanes)	
	EASTSHORE-NORTH	
21341	Project development for new Fairfield/Vacaville multi- modal rail station for Capitol Corridor intercity rail service in Solano County	
21348	Install a second span along existing Green Valley Bridge to facilitate four lanes of travel way and an acceleration/deceleration lane in each direction	
21441	Regional Express Bus Program: Vallejo/Transbay	
21442	Regional Express Bus Program: I-80/Solano County to Del Norte BART Station	
94679	Transit centers and park-and-ride lots	
94682	Capitol Corridor intercity rail service (9 round trips daily between Oakland and Sacramento and 7 round trips daily between San Jose and Oakland)	

RTP	
Reference	
Number	Project/Program

	110/00/1108/4111
	DIABLO
21435	Regional Express Bus Program: I-80 and I-680/Solano County to Walnut Creek BART Station
21443	Regional Express Bus Program: I-680 and I-780/Solano County to Walnut Creek BART Station
94150	I-80/I-680/Route 12 interchange improvements; includes connectors and auxiliary lanes between Green Valley Road and Cordelia truck weigh station (Phase 1)

RTP	
Reference	
Number	Project/Program

Nume	Project/Program
	SOLANO COUNTY-WIDE
21801	Vallejo Transit capital replacement program shortfall (see Committed projects)
21809	Match for improvements to local interchanges and arterials
94138	Metropolitan Transportation System (MTS) streets and roads pavement rehabilitation shortfall (see Committed projects)
94139	Non-MTS streets and roads pavement maintenance shortfall
94153*	Non-capacity increasing safety projects to improve congested intersections, local arterials and highways
98168*	Solano County intercity bus service and transit hubs (capital costs)
98199*	Park-and-ride lots
98212*	Bicycle and pedestrian projects
98509	Local streets and roads non-pavement maintenance shortfall (see Committed projects)
98556	Transportation for Livable Communities - county program
98565	Surface Transportation Program planning funds for the county
	NORTH BAY EAST-WEST
21823*	Operational and safety improvements on Route 12 from Sacramento River to I-80 (Phase 1)
94152	Widen Route 12 (Jamieson Canyon) from I-80 in Solano County to Route 29 in Napa County from 2 lanes to 4 lanes (Solano County portion of project)
	

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RTP	
Reference	
Number	Project/Program

	EASTSHORE-NORTH
21817*	Vallejo intermodal ferry terminal (Phase 1)
21819*	Vallejo ferry maintenance facility
21820	Widen I-80 from 6 lanes to 8 lanes part way between Vacaville and Dixon
94146*	Express bus service on I-80 (capital costs for additional services beyond those in Regional Express Bus Program)
94148*	Construct rail station, track improvements, or intermodal centers for Capitol Corridor intercity rail or commuter rail service; potential station sites are Fairfield/Vacaville, Dixon and Benicia
94151*	Jepson Parkway (Phase 1): includes I-80/Leisure Town Road interchange improvements
98167	I-80 HOV lanes part way between I-680 and I-505 through Fairfield and Vacaville
	DIABLO
21807*	I-80/I-680/Route 12 interchange improvements (Phase 2)
98100*	Additional express bus service on I-680 (capital costs)

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SONOMA COUNTY

	SONOMA COUNTY-WIDE
21862	Non-pavement maintenance (sidewalk, lighting, drainage, landscaping, etc committed revenues shown)
21870	Local bridge maintenance (committed revenues shown)
94694	Local streets and roads pavement maintenance (committed revenues shown)
94695	Sonoma County, Santa Rosa, Petaluma, Healdsburg, and Cloverdale Transit - transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets. Does not include system expansion).
98213	Bicycle and pedestrian projects
98572	Golden Gate Transit (Sonoma County share) -Transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include expansion.)
	GOLDEN GATE
21338	US 101 southbound auxiliary lane between Route 116 to East Washington
21346	US 101/Route 116 separation: improve Route 116 onramp to southbound US 101
21436	Regional Express Bus Program: US 101/Santa Rosa to San Rafael/San Francisco
21898	US 101/Route 116 east separation: replace bridge over separation and improve onramp to US 101 (from Petaluma River bridge to north of US 101/Route 116 east separation and overhead)
94165	US 101 northbound and southbound HOV lanes from Route 12 to Steele Lane in Santa Rosa; includes interchange modifications at Steele Lane and College Avenue
94167	Sonoma-Marin Rail station site acquisitions/upgrades
94685	Route 12/Farmers Lane partial interchange improvements
94689	US 101/Arata Lane interchange improvements in Windsor (Phase 2)
96016	Reconstruct and upgrade Stony Point Road from Pepper Road to Petaluma city line

SONOMA COUNTY

RTP	
Reference	
Number	Project/Program

	1.0,00,1.08,1
	NORTH BAY EAST-WEST
98000	Route 37 traveler information system
98145	Operational projects on Routes 12/116/121

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

SONOMA COUNTY

RTF Reference Numbe	
	SONOMA COUNTY-WIDE
21901	Golden Gate Transit (Sonoma County share) capital replacement program shortfall (see Committed projects)
94155	Metropolitan Transportation System (MTS) streets and roads pavement rehabilitation shortfall (see Committed projects)
94156	Non-MTS streets and roads pavement rehabilitation shortfall
94163	Bicycle and pedestrian projects in Countywide Transportation Plan
98557	Transportation for Livable Communities - county program
98566	Surface Transportation Program planning funds for the county
	GOLDEN GATE
20003	North Coast Railroad Authority track maintenance and rehabilitation
21902*	Widen US 101 (adding an HOV lane in each direction) from Rohnert Park Expressway north through Wilfred Avenue interchange; includes reconstruction of the Wilfred Avenue interchange and reconfiguring local streets
21903*	Non-capacity increasing improvements to street and road projects as identified in Sonoma County Transportation Authority Countywide Transportation Plan
21904*	Widen US 101 (adding HOV lanes in each direction) from Old Redwood Highway in Petaluma north to Rohnert Park Expressway
98147	Widen US 101 (adding an HOV lane in each direction) from Marin County line north to Old Redwood Highway in Petaluma and convert some portions from expressway to freeway
98183*	Widen US 101 HOV lanes (adding an HOV lane in each direction) from Steele Lane north to Windsor River Road; includes River Road ramp improvements and northbound and southbound auxiliary lanes
	NORTH BAY EAST-WEST

Route 37 traveler information system

Operational projects on Routes 12/116/121

98000

98145

^{*} Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.